carbon atoms, with an average particle diameter of 100 to 500 µm; a lubricant; a permeabilizing agent, the proportion of disintegration agent being 1 to 15% by weight and the proportion of soluble agent being 30 to 90% by weight, based in each case on the weight of the tablet.

22. Improved multiparticulate tablet according to claims 21, wherein the mixture of excipients further comprises lubricants, sweeteners, flavorings and colors.

23. Improved multiparticulate tablet according to claim 21, wherein the polyol having less than 13 carbon atoms is selected from the group consisting of mannitol, xylitol and maltitol.

R' Cont.

24. Improved multiparticulate tablet according to claim 21, wherein the ratio of excipient mixture to coated active principle is 1 to 4 parts by weight.

25. Tablet according to claim 21, wherein the proportion of disintegration agent is 2 to 7% by weight and the proportion of soluble agent is 40 to 70% based in each case on the weight of the tablet.

26. Tablet according to claim 21, wherein the active principle is selected from the group consisting of aspirin, paracetamol and ibuprofen.

27. Tablet according to claim 21, wherein the disintegrating agent is selected from the group consisting of croscarmellose, crospovidone and mixtures thereof.

28. Tablet according to claim 21, wherein the permeabilizing agent is selected from the group consisting of silicas with a

high affinity for aqueous solvents, maltodextrins, β-cyclodextrines and mixtures thereof.

29. Tablet according to claim 28, wherein the permeabilizing agent is precipitated silica.

30. Tablet according to claim 21, wherein the proportion of permeabilizing agent is 0.1 to 10% based on the weight of the tablet.

31. Tablet according to claim 30, wherein the proportion of permeabilizing agent is 0.5 to 5% based on the weight of the tablet.

R1 cont.

32. Tablet according to claim 21, wherein the lubricant is selected from the group consisting of magnesium stearate, sodium stearyl flumarate, stearic acid, micronized polyoxyethylene glycol and mixtures thereof.

33. Tablet according to claim 23, wherein the sweetener is selected from the group consisting of aspartame, potassium acesulfame, sodium saccharinate, neohesperidin dihydrochalcone and mixtures thereof.

34. Improved multiparticulate tablet which disintegrates in contact with the saliva in the mouth in less than 40 seconds, wherein it is based on particles of coated active principle which have intrinsic compression characteristics, and on a mixture of excipients, the ratio of excipient mixture to coated active principle particles being 0.4 to 6 parts by weight, the mixture of excipients comprising: a disintegration agent; at least two soluble diluent agents with binding properties which consists of a polyol having less than 13 carbon atoms and at least one diluent agent being in the form of the directly

compressible product with an average particle diameter of 100 to 500 µm, and at least one diluent agent being in the form of a powder with an average particle diameter of less than 100µm, the ratio of directly compressible polyol to powder polyol being 99/1 to 20/80; a lubricant; a permeabilizing agent, the proportion of disintegration agent being 1 to 15% by weight and the proportion of soluble agent being 30 to 90% by weight, based in each case on the weight of the tablet.

35. Improved multiparticulate tablet according to claim 34, wherein the mixture of excipients further comprises lubricants, sweeteners, flavorings and colors.

R1 cont.

36. Improved multiparticulate tablet according to claim 34, wherein the polyol having less than 13 carbon atoms is selected from the group consisting of mannitol, xylitol, sorbitol and maltitol.

37. Improved multiparticulate tablet according to claim 34, wherein the ratio of excipient mixture to coated active principle is 1 to 4 parts by weight.

38. Improved multiparticulate tablet according to claim 34, wherein the proportion of directly compressible polyol to powder polyol is 80/20 to 20/80.

39. Tablet according to claim 34, wherein the proportion of disintegration agent is 2 to 7% by weight and the proportion of soluble agent is 40 to 70% based in each case on the weight of the tablet.

40. Tablet according to claim 34, wherein the active principle is selected from the group consisting of aspirin, paracetamol and ibuprofen.

41. Tablet according to claim 34, wherein the disintegrating agent is selected from the group consisting of croscarmellose, crospovidone and mixtures thereof.

42. Tablet according to claim 34, wherein the permeabilizing agent is selected from the group consisting of silicas with a high affinity for aqueous solvents, maltodextrins, β-cyclodextrines and mixtures thereof.

43. Tablet according to claim 42, wherein the permeabilizing agent is precipitated silica.

B' cont.

44. Tablet according to claim 34, wherein the proportion of permeabilizing agent is 0.1 to 10% based on the weight of the tablet.

45. Tablet according to claim 44, wherein the proportion of permeabilizing agent is 0.5 to 5% based on the weight of the tablet.

46. Tablet according to claim 34, wherein the lubricant is selected from the group consisting of magnesium stearate, sodium stearyl flumarate, stearic acid, micronized polyoxyethylene glycol and mixtures thereof.

47. Tablet according to claim 36, wherein the sweetener is selected from the group consisting of aspartame, potassium acesulfame, sodium saccharinate, neohesperidin dihydrochalcone and mixtures thereof.